

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW30 CLIMB TO 3500 DIRECT CYMOL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 115.35 INBOUND. FAS OBST: 1819 AAO 441659N/0964404W CHART 1932 TOWER 441644N/0964112W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 1.30 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 82736 REFERENCE PATH ID: W30A CHART CIRCLING ICON LTP HAE: 473.5 M											
ASTOE	SEEPS (FB)	134.33 / 9.95	3500												
SEEPS (IAF)	REEKY (FB)	205.76 / 9.00	3500												
FSD VORTAC (IAF)	REEKY (FB)	011.30 / 34.83	3500												
REEKY (IF)	ZURPA (FB)	295.69 / 6.00	3300												
ZURPA (FAF)	RW30 (MAP) (FO)	295.58 / 5.08													
RW30 (MAP)	1887 MSL	295.58													
1887 MSL	CYMOL (FO)		3500												
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-19															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 3E EPOCH YEAR: 2015											
2. PROFILE STARTS AT REEKY															
3. FAC: <u>295.58</u> FAF: <u>ZURPA</u> DIST FAF TO MAP: <u>5.08</u> THLD: <u>5.08</u>															
4. MIN. ALT: REEKY 3500, ZURPA 3300															
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>															
6. MIN GS INCPT: <u>3300</u> GS ALT AT: <u>ZURPA 3300</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS CLEAR															
8. MSA FROM: RW30 3800															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			STANDARD @					
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1887	1	250	1887	1	250	1887	1	250	1887	1	250			
LNAV/VNAV DA	1968	1 1/8	331	1968	1 1/8	331	1968	1 1/8	331	1968	1 1/8	331			
LNAV MDA	2080	1	443	2080	1	443	2080	1 3/8	443	2080	1 3/8	443			
CIRCLING	2140	1	492	2160	1	512	2340	2	692	2340	2 1/4	692			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED. USE PIPESTONE ALTIMETER SETTING AND INCREASE ALL DA (SEE FORM 8260-10)															
CITY AND STATE BROOKINGS, SD				ELEVATION: 1648 TDZE: 1637 AIRPORT NAME: BROOKINGS RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, ORIG 18 SEPTEMBER 2014				SUP: AMDT: NONE DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

81 FT AND ALL MDA 100FT; INCREASE LPV AND LNAV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PIPESTONE ALTIMETER SETTING

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: NIGHT LANDING: RWY 17 NA. ←

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ASTOE ON V26 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FSD VORTAC AIRWAY RADIALS 297 CW 092.

CITY AND STATE

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KBKX
RUNWAY RW30
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W30A
REFERENCE PATH IDENTIFIER (APPROACH ID) 441800.8030N
LTP/FTP LATITUDE 0964826.5240W
LTP/FTP LONGITUDE +04735
LTP/FTP ELLIPSOIDAL HEIGHT 441843.3150N
FPAP LATITUDE 0965015.5710W
FPAP LONGITUDE 00045.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0928
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

A02BEF4C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04989
FPAP ORTHOMETRIC HEIGHT +04989

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBKXK3FR30	AASTOE	010ASTOEK3EA0E	IF						18000			A JS	
SUSAP KBKXK3FR30	AASTOE	020SEEPSK3EA0E	A 020TF			13430100		+ 03500				A JS	
SUSAP KBKXK3FR30	AASTOE	030REEKYK3EA0EE	B 010TF			20580090		+ 03500				A JS	
SUSAP KBKXK3FR30	AFSD	010FSD K3D 0V	A IF						18000			A JS	
SUSAP KBKXK3FR30	AFSD	020REEKYK3EA0EE	B 010TF			01130348		+ 03500				A JS	
SUSAP KBKXK3FR30	R	010REEKYK3EA0E	I IF					+ 03500	18000			A JS	
SUSAP KBKXK3FR30	R	020ZURPAK3EA1E	F 051TF			29570060		+ 03300		RW30	K3PGA	JS	
SUSAP KBKXK3FR30	R	020ZURPAK3EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP KBKXK3FR30	R	030RW30 K3PGOGY	M 031TF			29560051		01682		-300		A JS	
SUSAP KBKXK3FR30	R	040	0 M	CA		2956		+ 01887				A JS	
SUSAP KBKXK3FR30	R	050CYMOLK3EA0EY	DF					+ 03500				A JS	
SUSAP KBKXK3FR30	R	060CYMOLK3EA0EE	R HM			11540040		+ 03500				A JS	

[illegible][illegible]

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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SUSAP KBKXK3PR30 RW30 002E +04989+04989LPV 82736

[illegible]

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ASTOE	ASTOE	010		IF		FB					
	ASTOE	SEEPS	020	IAF	TF		FB	2.0	134.3 (137.3T)	010.0	AA 03500	
	ASTOE	REEKY	030		TF		FB	1.0	205.8 (208.8T)	009.0	AA 03500	
	FSD	FSD	010	IAF	IF		FB					
	FSD	REEKY	020		TF		FB	1.0	011.3 (014.3T)	034.8	AA 03500	
		REEKY	010	FACF	IF		FB				AA 03500	
		ZURPA	020	FAF	TF		FB	0.5	295.7 (298.7T)	006.0	AA 03300	
		RW30	030	MAP	TF		FO	0.3	295.6 (298.6T)	005.1	AT 01682	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		295.6 (298.6T)		AA 01887	
	CYMOL	050		DF		FO				AA 03500	
	CYMOL	060		HM	R	FO		115.4 (118.4T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FSD	N433858.17	W0964652.05	N4338.970	W09646.868
	ASTOE	N442755.47	W0963816.95	N4427.925	W09638.283
	CYMOL	N442357.15	W0970343.66	N4423.953	W09703.728
	REEKY	N441242.47	W0963454.13	N4412.708	W09634.902
	SEEPS	N442036.02	W0962852.88	N4420.600	W09628.881
	ZURPA	N441535.06	W0964213.58	N4415.584	W09642.226
	RW30	N441800.80	W0964826.52	N4418.013	W09648.442

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	01637	45

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